

## DECLASS REVIEW by NIMA/DOD

July 11, 1961

Dear Charley:

We have finally dummed up some samples of a proposed X - Y coordinate marking system and I am sending you some samples made on our present titler. The titler itself is not suitable to do the job, but it will, at least, give you the effect.

I have several comments regarding these samples as they are presented.

1. The marks are at centimeter intervals. I don't think it is going to be practical to insist that the first mark in either the X or the Y direction start exactly on the corner of the format nor at the same point on each frame, although there can be a close approximation with a skilled operator.

2. The "T" and "V" were used because of availability. They could be either or a simple bar.

3. Because we used existing equipment we repeated every 11 numbers in the X axis. In the actual design I think it would be 1, 2 ---10, 1,2 --- 20, 1, 2, etc., and the Y axis would be consecutively A through whatever letter was necessary.

4. In actual practice we would probably move the X coordinate closer to the format to allow for titling.

5. I think it would be possible to design a single piece of equipment to do both titling and X - Y coordinates so that no time would be lost. However, I have not yet made or tested a device for lacquering the Y coordinates to preserve them.

Before going any further, I would like to know if this is what the customers want. Because I think SAC started this, I am sending samples directly to [REDACTED] Would you consider sending samples to others who might be interested such as HTA, NPIC, AFCIN, ACIC and ATIC. A very rough ballpark figure for equipment to do the job would be [REDACTED] for the first model. The customers might want viewing tables with movable cross hairs for locating a target. I invite comments.

ELG/MDG

E. L. G.